

# Tsegasselassie Workalemahu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9370267/publications.pdf>

Version: 2024-02-01

46  
papers

14,783  
citations

304368

22  
h-index

205818

48  
g-index

53  
all docs

53  
docs citations

53  
times ranked

22817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
2	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	9.4	2,634
3	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
4	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	13.7	1,789
5	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
6	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	9.4	836
7	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	9.4	578
8	Quality control and conduct of genome-wide association meta-analyses. <i>Nature Protocols</i> , 2014, 9, 1192-1212.	5.5	398
9	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	1.5	371
10	Novel locus including FGF21 is associated with dietary macronutrient intake. <i>Human Molecular Genetics</i> , 2013, 22, 1895-1902.	1.4	167
11	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	1.5	158
12	Genome-wide analysis of BMI in adolescents and young adults reveals additional insight into the effects of genetic loci over the life course. <i>Human Molecular Genetics</i> , 2013, 22, 3597-3607.	1.4	116
13	Genomics of body fat percentage may contribute to sex bias in anorexia nervosa. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 428-438.	1.1	87
14	Genetic variants, plasma lipoprotein(a) levels, and risk of cardiovascular morbidity and mortality among two prospective cohorts of type 2 diabetes. <i>European Heart Journal</i> , 2012, 33, 325-334.	1.0	81
15	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. <i>American Journal of Human Genetics</i> , 2013, 93, 236-248.	2.6	60
16	Genetic correlations of psychiatric traits with body composition and glycemic traits are sex- and age-dependent. <i>Nature Communications</i> , 2019, 10, 5765.	5.8	59
17	Sex differences in the associations of placental epigenetic aging with fetal growth. <i>Aging</i> , 2019, 11, 5412-5432.	1.4	44
18	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. <i>Scientific Reports</i> , 2018, 8, 7274.	1.6	38

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19	Placental DNA methylation changes associated with maternal prepregnancy BMI and gestational weight gain. <i>International Journal of Obesity</i> , 2020, 44, 1406-1416.	1.6	31
20	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. <i>Epigenetics</i> , 2019, 14, 1030-1039.	1.3	30
21	DNA methylation loci in placenta associated with birthweight and expression of genes relevant for early development and adult diseases. <i>Clinical Epigenetics</i> , 2020, 12, 78.	1.8	28
22	Birth Weight, Genetic Susceptibility, and Adulthood Risk of Type 2 Diabetes. <i>Diabetes Care</i> , 2012, 35, 2479-2484.	4.3	24
23	Physical Activity and Metabolic Syndrome among Ethiopian Adults. <i>American Journal of Hypertension</i> , 2013, 26, 535-540.	1.0	21
24	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. <i>Hypertension</i> , 2020, 75, 1117-1124.	1.3	20
25	Genetic Determinants for Body Iron Store and Type 2 Diabetes Risk in US Men and Women. <i>PLoS ONE</i> , 2012, 7, e40919.	1.1	19
26	Placental genetic variations in vitamin D metabolism and birthweight. <i>Placenta</i> , 2017, 50, 78-83.	0.7	17
27	Shared genetic underpinnings of childhood obesity and adult cardiometabolic diseases. <i>Human Genomics</i> , 2019, 13, 17.	1.4	17
28	Genetic variations related to maternal whole blood mitochondrial DNA copy number: a genome-wide and candidate gene study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2433-2439.	0.7	15
29	Genetic variations and risk of placental abruption: A genome-wide association study and meta-analysis of genome-wide association studies. <i>Placenta</i> , 2018, 66, 8-16.	0.7	15
30	Abruptio placentae risk and genetic variations in mitochondrial biogenesis and oxidative phosphorylation: replication of a candidate gene association study. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 617.e1-617.e17.	0.7	15
31	Trans-ethnic meta-analysis of genome-wide association studies identifies maternal ITPR1 as a novel locus influencing fetal growth during sensitive periods in pregnancy. <i>PLoS Genetics</i> , 2020, 16, e1008747.	1.5	13
32	Maternal cardiometabolic factors and genetic ancestry influence epigenetic aging of the placenta. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 34-41.	0.7	13
33	Placental multi-omics integration identifies candidate functional genes for birthweight. <i>Nature Communications</i> , 2022, 13, 2384.	5.8	13
34	High burden of birthweight-lowering genetic variants in Africans and Asians. <i>BMC Medicine</i> , 2018, 16, 70.	2.3	12
35	Early pregnancy dyslipidemia is associated with placental DNA methylation at loci relevant for cardiometabolic diseases. <i>Epigenomics</i> , 2020, 12, 921-934.	1.0	12
36	Genome-wide and candidate gene association studies of placental abruption. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2013, 4, 128-39.	0.4	11

#	ARTICLE	IF	CITATIONS
37	Raceâ€œethnic differences in the associations of maternal lipid trait genetic risk scores with longitudinal fetal growth. <i>Journal of Clinical Lipidology</i> , 2019, 13, 821-831.	0.6	8
38	Placental telomere length and risk of placental abruption. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 2767-2772.	0.7	6
39	Influence of Fetal and Maternal Genetic Susceptibility to Obesity on Birthweight in African Ancestry Populations. <i>Frontiers in Genetics</i> , 2018, 9, 511.	1.1	6
40	Maternal and Offspring Genetic Risk of Type 2 Diabetes and Offspring Birthweight Among African Ancestry Populations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5032-5042.	1.8	5
41	Maternal BMIâ€œIncreasing Genetic Risk Score and Fetal Weights among Diverse US Ethnic Groups. <i>Obesity</i> , 2019, 27, 1150-1160.	1.5	5
42	Genetic overlap between birthweight and adult cardiometabolic diseases has implications for genomic medicine. <i>Scientific Reports</i> , 2019, 9, 4076.	1.6	5
43	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. <i>Human Genetics</i> , 2021, 140, 985-997.	1.8	5
44	Associations of perinatal exposure to PM2.5 with gestational weight gain and offspring birth weight. <i>Environmental Research</i> , 2022, 204, 112087.	3.7	4
45	Maternal-fetal genetic interactions, imprinting, and risk of placental abruption. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 3473-3482.	0.7	3
46	Associations of maternal blood pressure-raising polygenic risk scores with fetal weight. <i>Journal of Human Hypertension</i> , 2021, , .	1.0	3